

Serial No.: 10/606,827
Atty. Docket No.: P68029US1

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) ~~An encased munition~~ A casing for a solid explosive munition comprising a casing wall for enclosing a munition, an inner surface of said casing wall including an optical reflecting layer that is highly reflective in the optical and infrared spectrum, said optical reflecting layer including a separate liner element and configured to increase explosive performance output of said munition by ~~inwardly~~ reflecting electromagnetic radiation generated by detonation of the munition.

2. (Canceled).

3. (Canceled).

4. (Original) The casing as set forth in claim 1, wherein said optical reflecting layer includes sheeting of at least one of metal, ceramic or plastic.

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5. (Original) The casing as set forth in claim 4, wherein said optical reflecting layer includes sheeting of a reflecting metal having a low emissivity.

6. (Original) The casing as set forth in claim 5, wherein the reflecting metal is selected from the group consisting of aluminum, lead, steel, tungsten, nickel and gold.

Claims 7-13 (Canceled).

14. (Currently Amended) An encased solid explosive munition device comprising a casing and a charge enclosed by said casing, an inner surface of said casing including an optical reflecting layer that is highly reflective in the optical and infrared spectrum, said optical reflecting layer including a separate liner element and configured to ~~inwardly~~ reflect electromagnetic radiation generated by detonation of said munition device to increase explosive output performance.

15. (Canceled).

16. (Canceled).

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17. (Currently Amended) The device as set forth in claim ~~16~~
14, wherein said optical reflecting layer includes sheeting of at
least one of metal, ceramic or plastic.

18. (Currently Amended) The device as set forth in claim ~~15~~
17, wherein said optical reflecting layer includes sheeting of a
reflecting metal having a low emissivity.

19. (Original) The casing as set forth in claim 18, wherein
the reflecting metal is selected from the group consisting of
aluminum, lead, steel, tungsten, nickel and gold.

Claims 20-25 (Canceled).

26. (Previously Presented) The casing as set forth in claim 1,
wherein said casing is generally cylindrical and includes
longitudinally extending reinforcement members radially spaced
along said casing wall, said reinforcement members made of a
material stronger than a material of said casing wall.

27. (Canceled).

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28. (New) An encased solid explosive munition device comprising a generally cylindrical casing and a charge enclosed by said casing, said casing having longitudinally extending reinforcement members being radially spaced along a casing wall and made of a material stronger than a material of said casing wall, an inner surface of said casing wall including an optical reflecting layer that is highly reflective in the optical and infrared spectrum, said optical reflecting layer configured to reflect electromagnetic radiation generated by detonation of said munition device to increase explosive output performance.